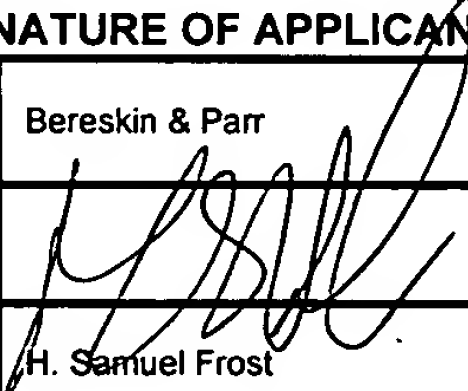


C9C

<b>TRANSMITTAL FORM</b> MAR 08 2005 (to be used for all correspondence after initial filing)	Application Number	09/986,635
	Filing Date	November 9, 2001
	First Named Inventor	JOOS
	Art Unit	1745
	Examiner Name	Chaney, Carol Diane
Total Number of Pages in This Submission	Attorney Docket Number	9351-15

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Letter to Commissioner Certificate of Correction Return Receipt Postcard
Remarks		<b>Certificate</b> <b>MAR 10 2005</b> <b>of Correction</b>

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm	Bereskin & Parr		
Signature			
Printed Name	H. Samuel Frost		
Date	March 7, 2005	Reg. No.	31,696

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
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MAR 14 2005



Patent No. : 6,833,207  
Patentee : Hydrogenics Corporation  
Serial Number : 09/986,635  
Inventor : Nathaniel Ian Joos  
Filed : November 9, 2001  
Title : Novel Unitized Regenerative Fuel Cell With Bifunctional Fuel Cell Humidifier and Water Electrolyzer  
TC./A.U. : 1745  
Examiner : Carol Diane Chaney  
Docket No. : 9351-15  
Customer No. : 001059

Honorable Commissioner for Patents  
P. O. Box 1450  
Alexandria, Virginia 22313-1450

### **CERTIFICATE OF CORRECTION REQUEST**

Sir:

Please correct the above-identified patent as follows:

#### **Amendments to the Claims:**

Please amend claim 1 as follows:

1. A regenerative fuel cell apparatus comprising an electrolyzer portion and a fuel cell portion;

wherein the electrolyzer portion has a cathode including a first electrolyzer cathode port and a second electrolyzer cathode port, and an anode including a first electrolyzer anode port and a second electrolyzer anode port ;

wherein the fuel cell portion comprises a fuel cell anode including a first fuel cell anode port and a second fuel cell anode port, a fuel cell cathode including a first fuel cell cathode port and a second fuel cell cathode port, and at least one coolant channel

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including a first coolant port and a second coolant port; and wherein the regenerative fuel cell system includes at least one of:

(a) a connection between the second electrolyzer cathode port and the second fuel cell anode port, thereby to provide a continuous passage between the first electrolyzer cathode port and the first fuel cell anode port for hydrogen, through the electrolyzer cathode and the fuel cell anode,

(b) a connection between the second electrolyzer anode port and the second coolant port, thereby to provide a continuous passage between the first electrolyzer anode port and the first coolant port through the electrolyzer anode and said at least one coolant channel; and

(c) within the electrolyzer portion a gas bypass conduit including a first gas bypass port and a second gas bypass port, a connection between the second gas bypass port and the second fuel cell cathode port, thereby to provide a continuous passage between the first bypass port and the first fuel cell cathode port through gas bypass port-conduit and the fuel cell cathode.

Please amend claim 17 as follows:

17. A regenerative fuel cell apparatus comprising an electrolyzer ~~port~~ portion and the fuel cell portion are integral with one another, and wherein there is at least one passage for a fluid extending through both of the electrolyzer portion and the fuel cell portion and including one connection port on the electrolyzer portion and another connection port on the fuel cell portion.

Please amend claim 20 as follows:

20. A regenerative fuel cell apparatus as ~~aimed~~ claimed in claim 19, wherein the fuel cell portion comprises a plurality of individual cells, each comprising a membrane exchange assembly, an anode flow field plate and a cathode flow field ~~elate~~ plate,

wherein the anode flow field plates provide the fuel cell anode, the cathode flow field plates provide the fuel cell cathode and wherein a plurality of coolant channels are provided extending between adjacent pairs of fuel cells.

**REMARKS/ARGUMENTS**

The errors occurring in claims 1, 17 and 20 are typographical errors made by the Patent Office. Applicant submits that correction of these errors will not introduce new matters or require re-examination, and are entirely consistent with the rest of the specification.

A Certificate of Correction is being filed concurrently herewith.

Applicant requests that a timely Certificate of Correction be issued in this case.

Respectfully submitted,  
BERESKIN & PARR

By



H. Samuel Frost  
Reg. No. 31,696  
Tel: 905-812-3600

Attachments

## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 6,833,207

DATED : December 21, 2004

INVENTOR(S) : Nathaniel Ian Joos

David Frank

Joseph Cargnelli

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

In claim 1, column 18, line 16, delete "through bypass port" and substitute --through gas bypass--;  
In claim 17, column 19, line 43, delete "port" and substitute --portion--;  
In claim 20, column 19, line 62, delete "aimed" and substitute --claimed--; and  
In claim 20, column 20, line 1, delete "elate" and substitute --plate--.

MAILING ADDRESS OF SENDER: Bereskin & Parr  
Box 401, 40 King Street West  
Toronto, Ontario M5H 3Y2 Canada

PATENT NO. 6,833,207

No. of additional copies

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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